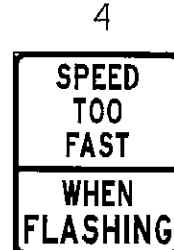


MD 45 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED LED SIGNALS

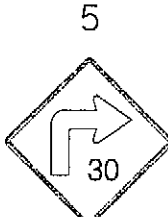
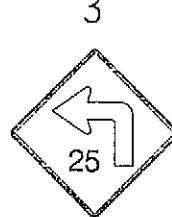
1+2
Y
12"

PROPOSED SIGN



SEE DETAIL
THIS SHEET

EXISTING SIGNS TO REMAIN

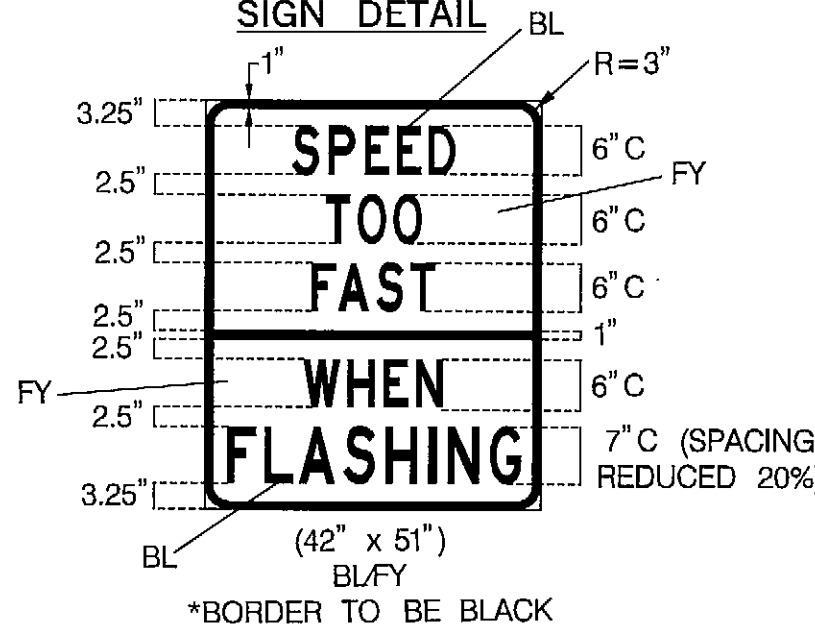


PROPOSED VIDEO DETECTION

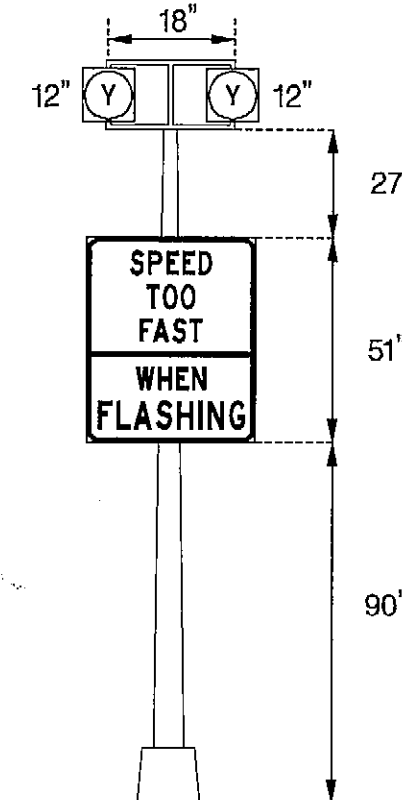


SPEED DETECTION ZONE. EXACT
SIZE AND LOCATION OF ZONE TO
BE DETERMINED IN THE FIELD.

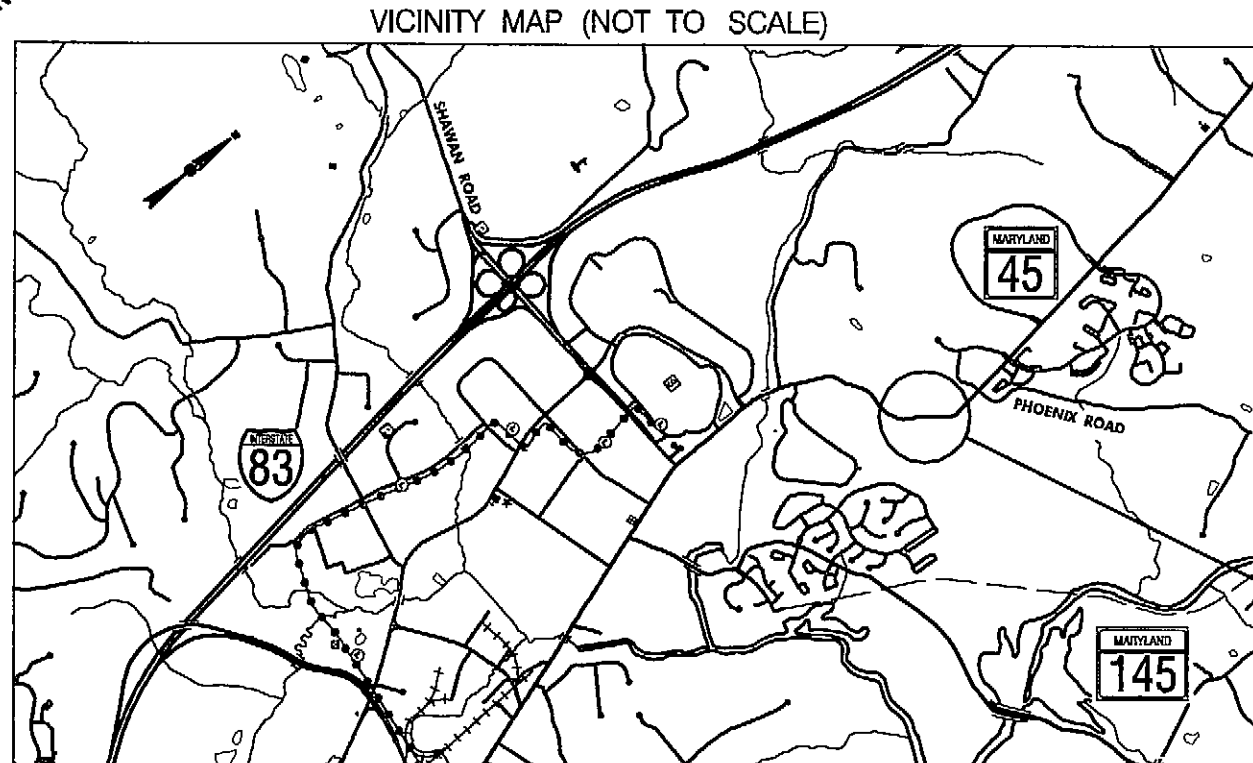
SIGN DETAIL



PROPOSED HIB DETAIL

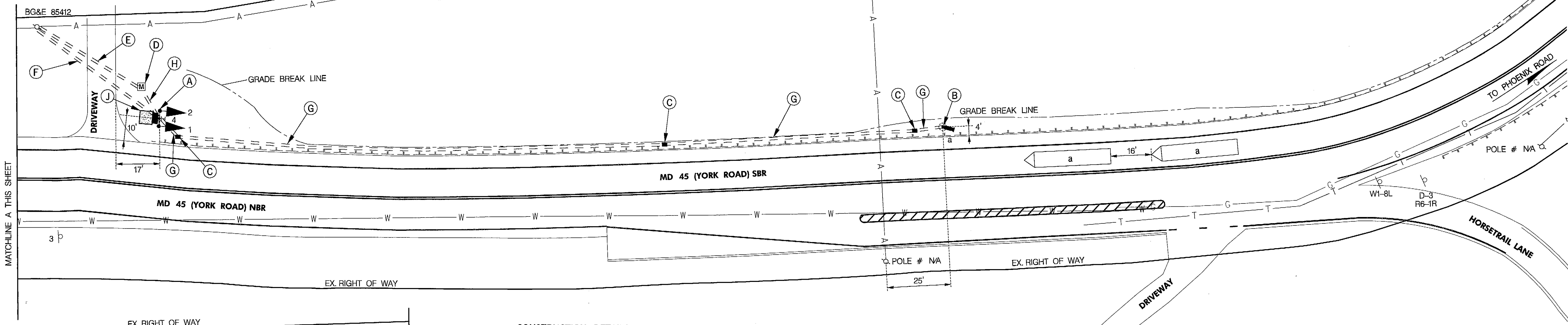


NEMA PHASING



PROJECT LOCATION

WATER PLANTSTATION
BG&E 85412



MATCHLINE A THIS SHEET

MATCHLINE A THIS SHEET

CONSTRUCTION DETAILS

- INSTALL 14 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION, LED SIGNAL HEADS, SIGN AND TYPE "G" CABINET AND CONTROLLER (NOTE: 2-2 IN. AND 1-3 IN. 90 DEGREE BENDS).
- INSTALL 30 FT. STRAIN POLE WITH FOUNDATION AND VIDEO DETECTION CAMERA (MOUNTED TO TOP OF POLE) (NOTE: 1-3 IN. 90 DEGREE PVC BEND).
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 100 AMP METERED SERVICE PEDESTAL (NOTE: 3-2 IN. & 1-4 IN. 90 DEGREE PVC BENDS).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND POWER SERVICE, CAP AND MARK CONDUIT, AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE (SEE NOTE 8).
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE, CAP AND MARK CONDUIT, AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE (SEE NOTE 8).
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- CONSTRUCT A 5 FT. X 5 FT. X 5 IN. CONCRETE PAD FOR PROPOSED POLE MOUNTED CABINET.

GENERAL NOTES

- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
- THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE AND CABINET LOCATION(S) PRIOR TO INSTALLATION.
- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL BORE PORTIONS OF PROPOSED CONDUIT UNDERNEATH THE EXISTING DRIVEWAY.

TOD NO: XX645-17
SHA NO: BA93885D
MD 45 South of Phoenix Road



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 45 (YORK ROAD) SOUTH OF PHOENIX ROAD
SOUTHBOUND SPEED DETECTION WARNING SYSTEM
SPARKS, MARYLAND

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 12/2011 CONTRACT NO. XX6455185
DESIGNED BY EMP COUNTY BALTIMORE
DRAWN BY EMP LOGMILE 03004510.31
CHECKED BY MTS TIMS NO. K736
F.A.P. NO. TOD NO.
TS NO. 4819 DRAWING SG-01 OF 02 SHEET NO. 01 OF 02

APPROVALS	REVISIONS
	11-23-11
	11-23-11
	11-28-11
	12-1-11

PLOTTED: Tuesday, November 22, 2011 AT 09:32 PM
FILE: I:\PROJECTS\4014285\4014285_0129\Drawings\TRA\SIG-P000_MD45.dgn



STV Incorporated
7125 Ambassador Road, Suite 200
Baltimore, MD 21244
www.stvinc.com

UTILITY LEGEND			
— E — E —	ELECTRIC CABLES	— SD — SD —	STORM DRAIN
— A — A —	AERIAL CABLES	— G — G —	GAS MAIN
— T — T —	TELEPHONE CABLES	— W — W —	WATER MAIN
— F — F —	FIBER-OPTIC	— S — S —	SEWER MAIN